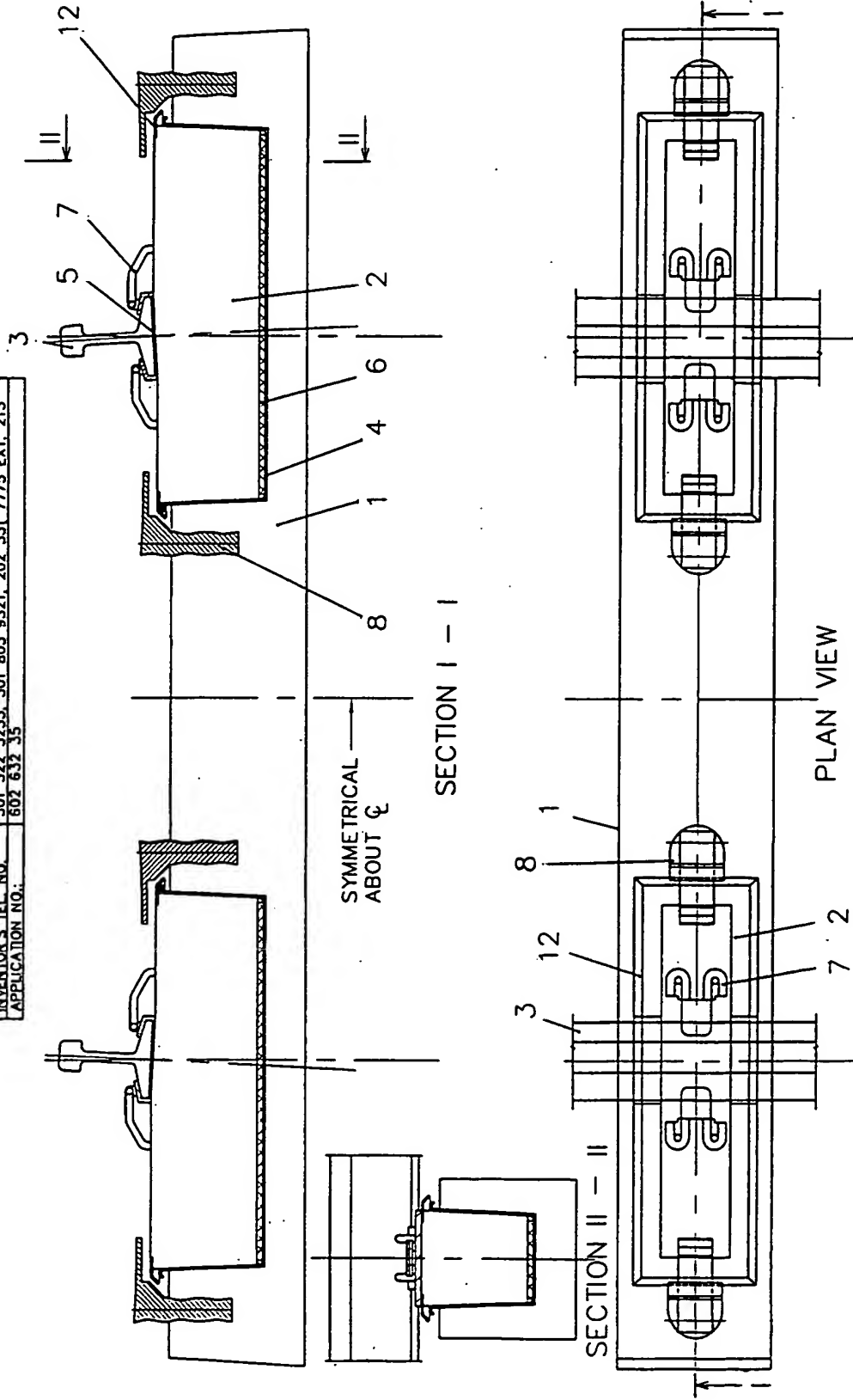




TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICHIA, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
APPLICATION NO.	602 632 35

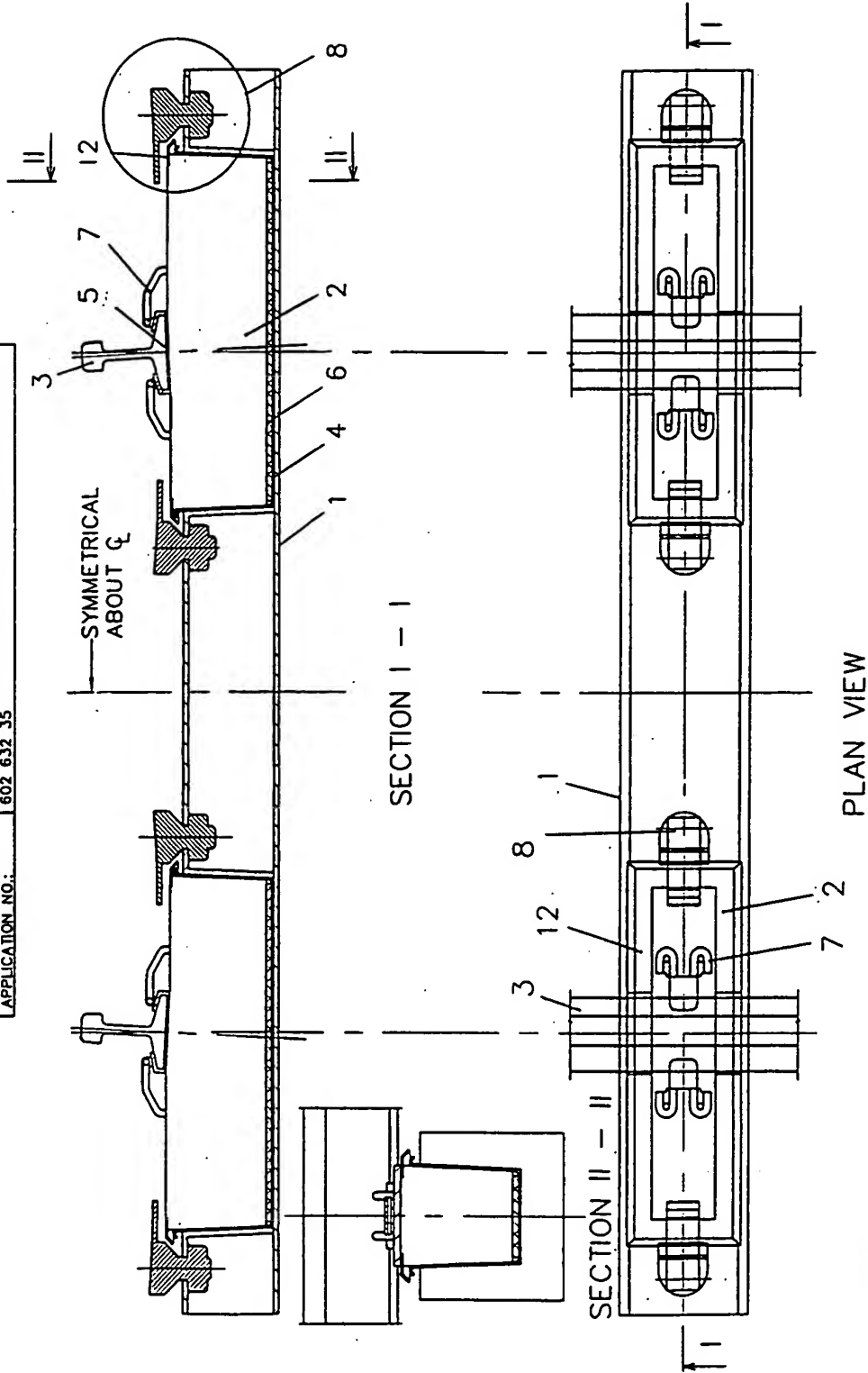


INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE
NOT TO SCALE

Fig. 1



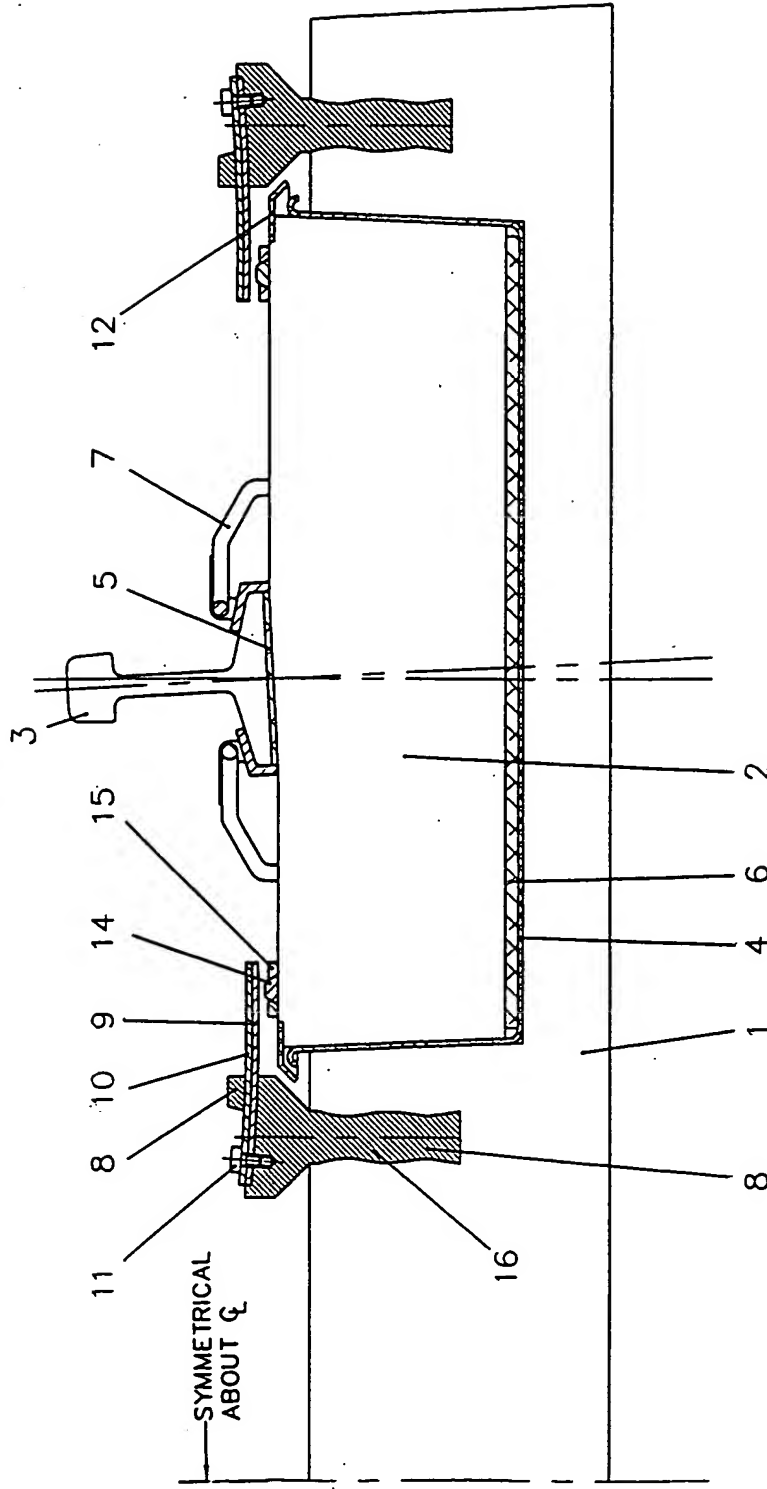
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INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
NOT TO SCALE



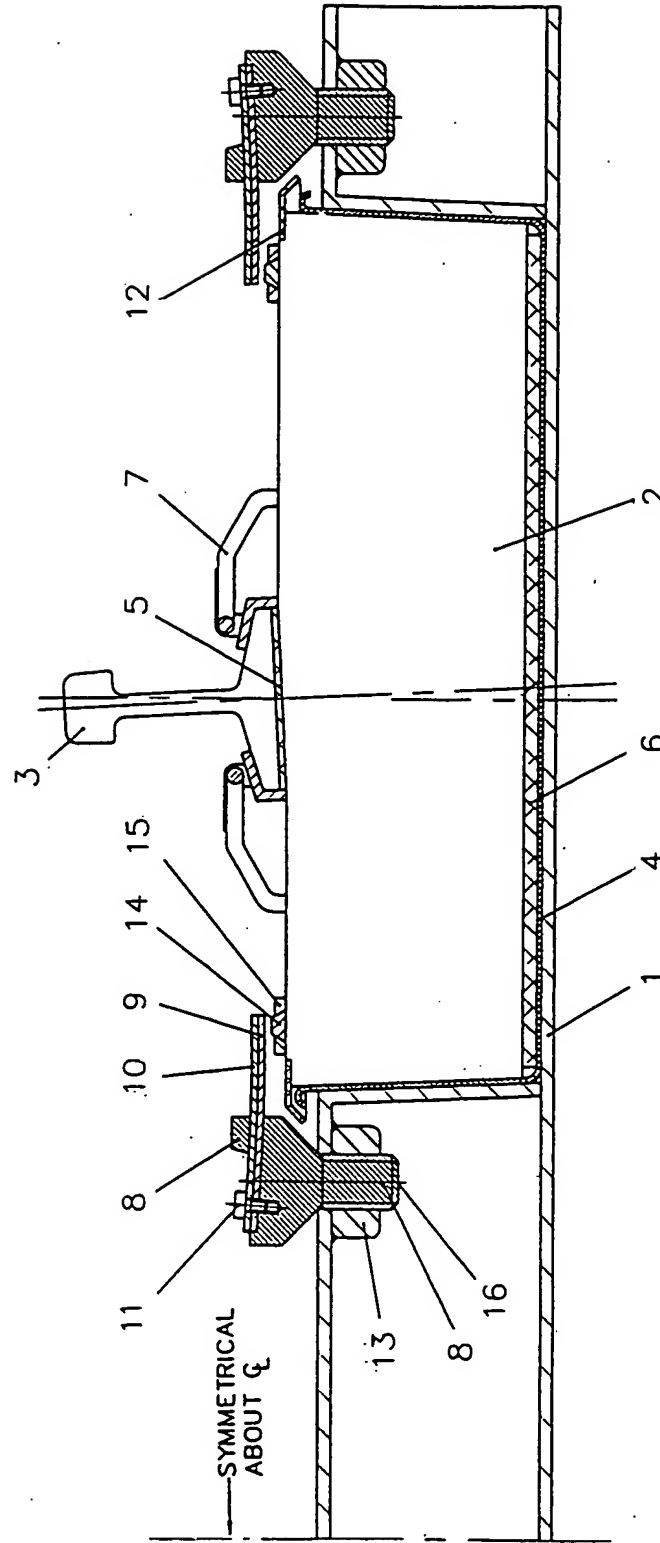
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DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 1
 INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE
 NOT TO SCALE
 F i g. 3



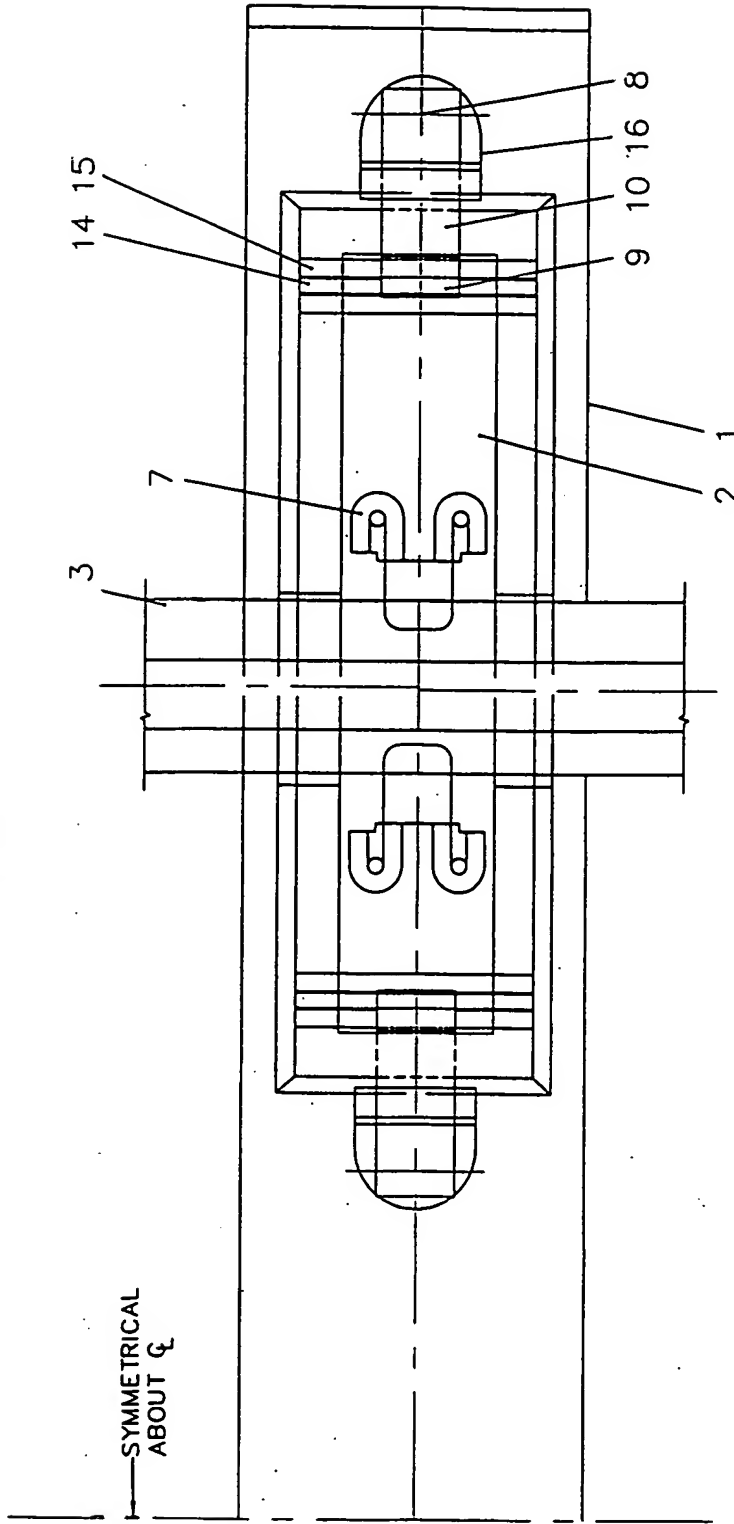
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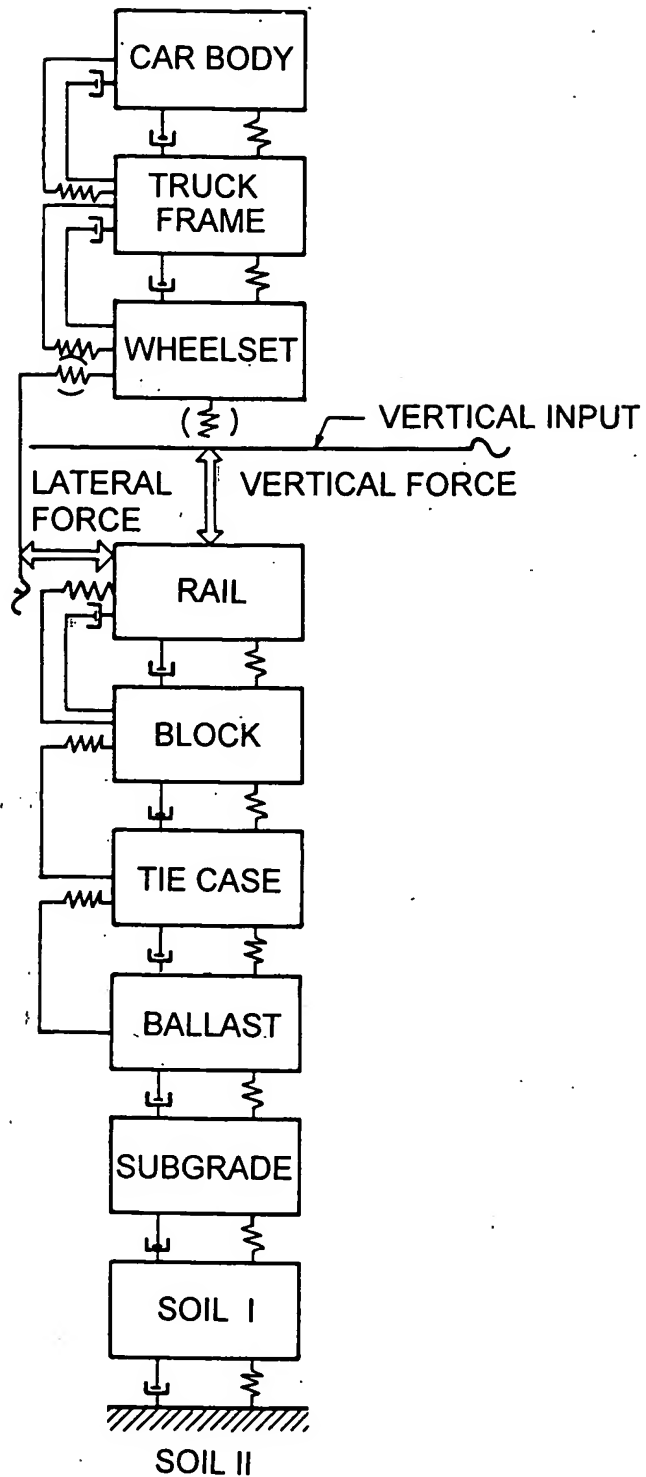
DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 2
 INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
 NOT TO SCALE
 F i g. 4



TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICH, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
APPLICATION NO.:	602 632 35



PLAN VIEW RELEVANT TO BLOCK RETAINERS OF Fig. 1 AND Fig. 2
 INTERNALLY RESILIENT TIE WITH INDEPENDENT
 BOOTED BLOCKS AND CONCRETE OR STEEL CASE
 NOT TO SCALE Fig. 5



DYNAMIC TRACK / TRAIN INTERACTION SYSTEM - MODEL FOR ONE AXLE

F i g. 6